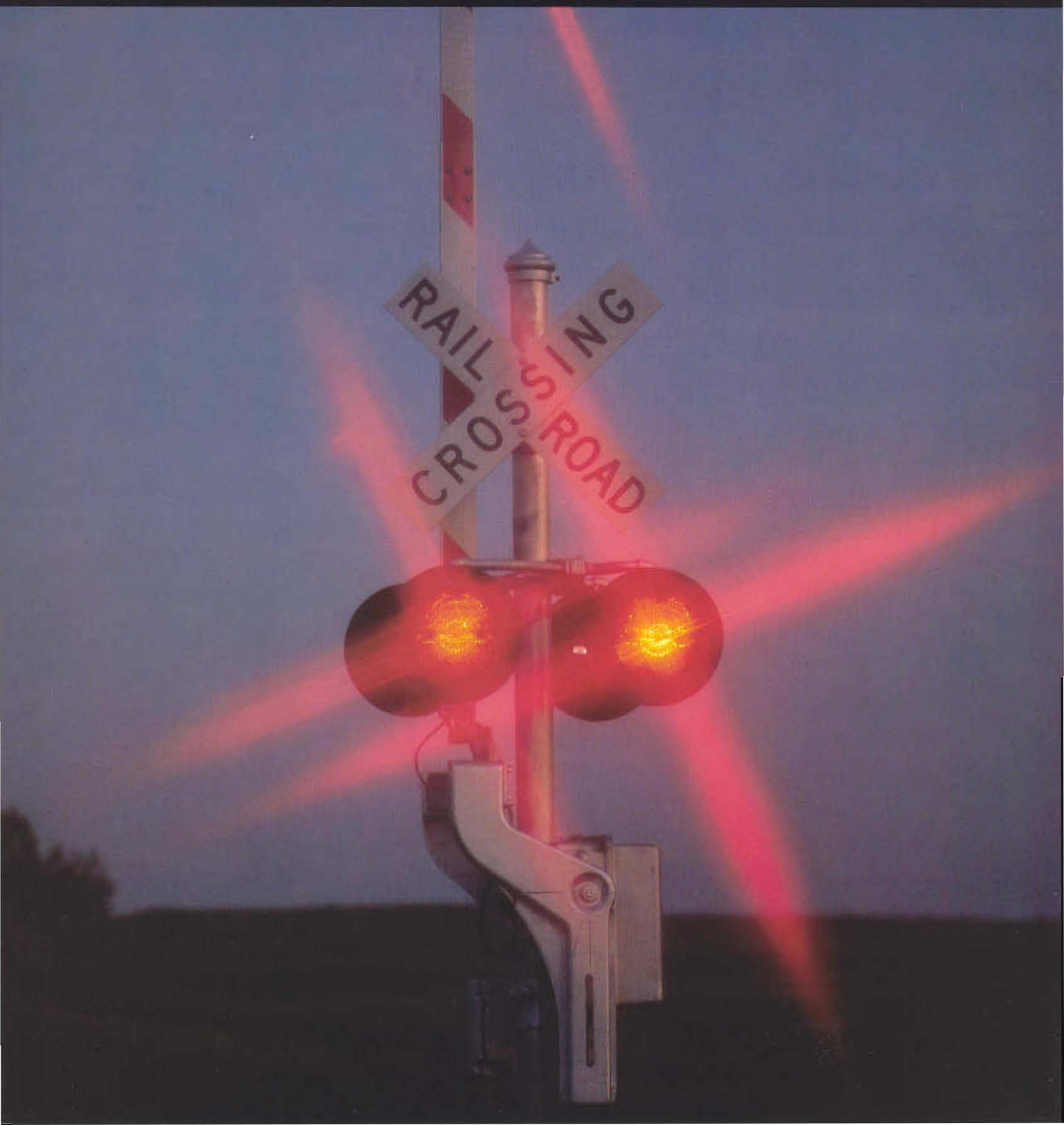
GRS LEX-C® CROSSING SIGNALS.

DURABILITY. VISIBILITY. MAINTAINABILITY.



SUPERIOR OPTICS COUPLED WITH POLYCARBONATE TOUGHNESS FOR CROSSING SAFETY.

The latest products of the GRS commitment to innovation in safety are these tough LEX-C crossing signals. Specifically developed to combine high visibility and long life with competitive cost and easy maintenance, these lightweight signals are now available in both 8" and 12" sizes.

MAXIMUM DURABILITY.

LEX-C signals can lower your life-cycle cost, because GRS has considered all the factors that can affect the life of your signals. LEX-C signals are made of polycarbonate resin with a strength-to-weight ratio that equals aluminum's and is twice that of zinc. And this modern material maintains its high impact strength even at low temperatures. There's no lip to catch cover-up snow. They won't craze or shatter under impact. And there is no glass to smash. The result is that LEX-C signals stand up longer and better to weather and vandalism. And that slashes your costs.

MAXIMUM VISIBILITY.

LEX-C signals simply give a bigger, brighter warning to drivers. The high-efficiency optics are what you'd expect from the leader: superior to those of any conventional highway-crossing signal. Reflector and lens areas are 50% larger than conventional signals'. The UV-stabilized lampholder arm eliminates the shadow effect caused by the arm masking the reflector, as in ordinary signals.

The reflector, which is made by depositing a highly reflective, multiple coating system directly onto the polycarbonate surface, gives long-life protection against atmospheric contamination and vandalism. The GRS deep-dish parabola design captures 50% more light on the reflector surface. The result: more light output without increased energy. A main beam of more than 5,000 candlepower is produced by a single lens, incorporating front-light, back-light, and cantilever patterns.

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MINIMUM MAINTENANCE.

Installation and maintenance are a large part of your costs, so we've designed the LEX-C to reduce both. LEX-C signals never need painting, because they don't corrode, rust or fade. The one-piece injection-molded polycarbonate lens with an integral hood is UV-stabilized to prevent yellowing. The hood is prepainted on the inside, to further reduce maintenance. The lens face is slanted at 34°, with the prisms molded on the inside, to eliminate dirt buildup and snow curl problems.

Installation is a snap. LEX-C signals weigh only 20% as much as conventional metal units. With its lightweight prefocused lampholder and faston terminals, installation couldn't be easier. And with only a fraction of the parts of a conventional signal, you'll be able to cut way down on your parts inventory and investment.

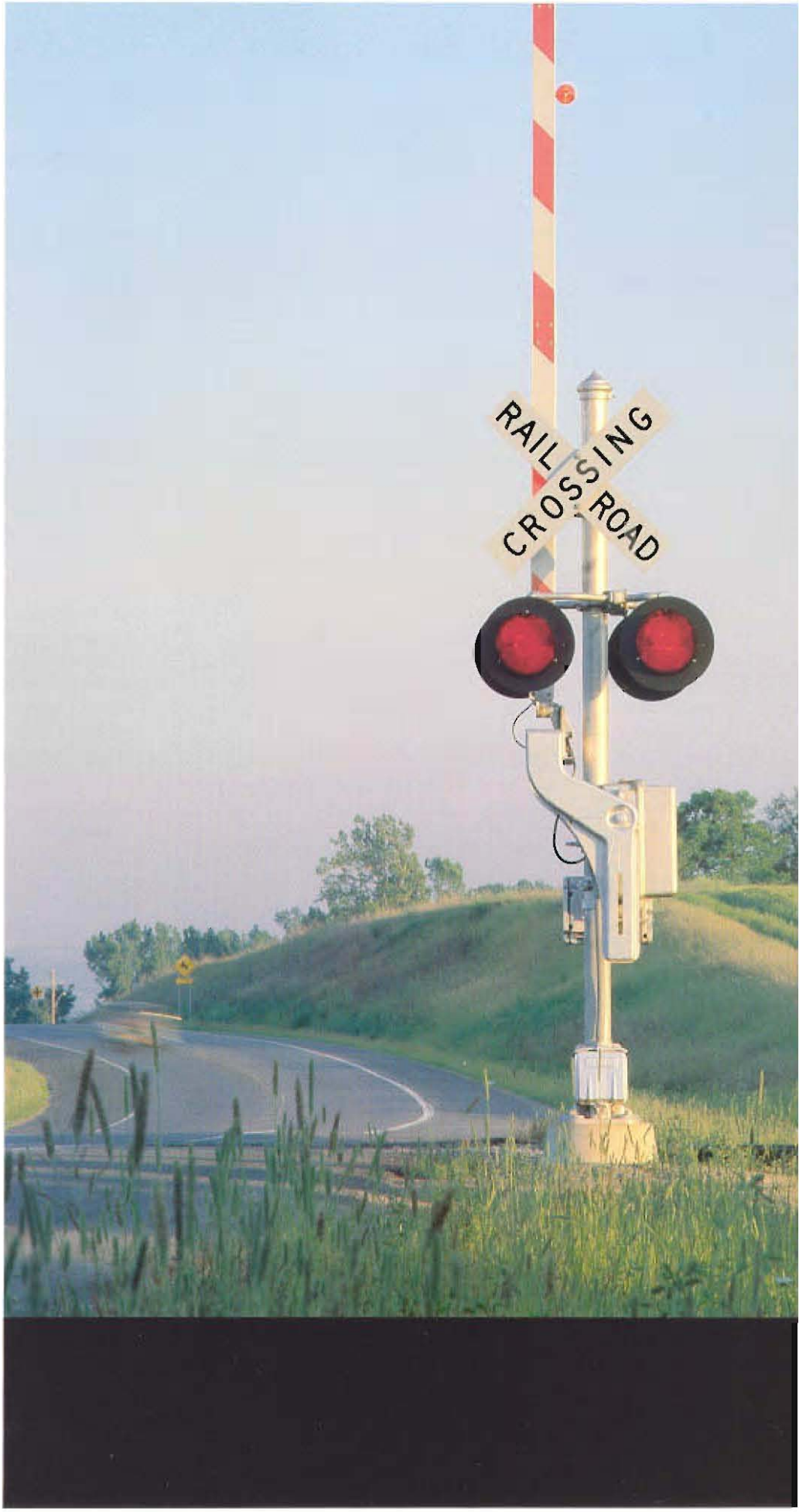
RETROFIT WITH LEX-C.

You can retrofit conventional GRS signals with LEX-C lens assemblies, quickly and easily. This gives you all the benefits of LEX-C lens design at a reasonable cost.

LOOK INTO LEX-C.

Give your crossings and your costs the benefits of technology in motion. Your GRS sales engineer can help you meet your specific crossing needs with the toughness of LEX-C signals.

The LEX-C polycarbonate signal has only a fraction of the number of parts in a conventional signal.



LEX-C 8-INCH SIGNAL DATA

DIMENSIONS
Overall depth: 13″
Nominal diameter: 9″
Maximum diameter of signal unit: 12″
Overall diameter with background: 20″

WEIGHT
3.6 lbs., complete with background

MOUNTING
Standard 1¼″ x 11½ pipe thread

OPTICS
Deep-dish parabolic reflector provides superior optical performance—greater than 3,000 candlepower on main beam. Unique lens design meets nominal requirements for cantilever, front-light and back-light applications.

MATERIAL
Tough, lightweight, corrosion-resistant molded polycarbonate resin developed especially for high-stress, high-impact situations.

FOCUSING
The lampholder arm, containing a single-contact candelabra, bayonet-base socket, is preadjusted to locate the lamp filament exactly at the reflector's focal point, thus ensuring maximum brilliance. GRS precision filament lamps are easy to change without disturbing this focus.

ORDERING INFORMATION
LEX-C signal—Catalog No. A30-900. Precision filament lamp—choose one and order quantity required:

Rating	*Catalog No.*
10 volt, 18 watt	A46-105
10 volt, 25 watt	A46-106
13.5 volt, 17 watt	A46-108

Other lamps are available.

LEX-C 12-INCH SIGNAL DATA

DIMENSIONS
Overall depth: 17″
Nominal diameter: 13″
Maximum diameter of signal unit: 17″
Overall diameter with background: 20″

WEIGHT
6.7 lbs., complete with background

MOUNTING
Standard 1¼″ x 11½ pipe thread

OPTICS
Deep-dish parabolic reflector provides superior optical performance—greater than 5,000 candlepower on main beam. Unique lens design meets nominal requirements for cantilever, front-light and back-light applications.

MATERIAL
Tough, lightweight, corrosion-resistant molded polycarbonate resin developed especially for high-stress, high-impact situations.

FOCUSING
The lampholder arm, containing a single-contact candelabra, bayonet-base socket, is preadjusted to locate the lamp filament exactly at the reflector's focal point, thus ensuring maximum brilliance. GRS precision filament lamps are easy to change without disturbing this focus.

ORDERING INFORMATION
LEX-C signal—Catalog No. A30-901. Precision filament lamp—choose one and order quantity required:

Rating	*Catalog No.*
10 volt, 18 watt	A46-105
10 volt, 25 watt	A46-106
13.5 volt, 17 watt	A46-108

Other lamps are available.

TECHNOLOGY IN MOTION

GENERAL RAILWAY SIGNAL
A UNIT OF GENERAL SIGNAL
ROCHESTER NEW YORK 14602